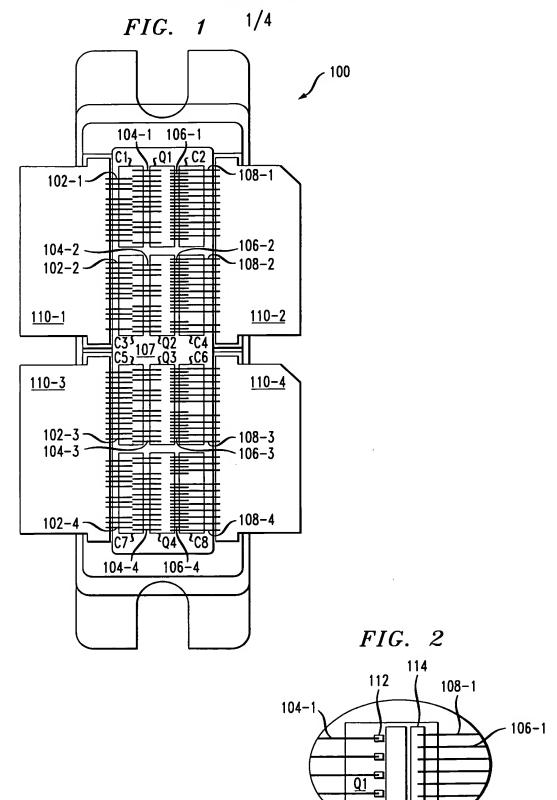
WAY 16 THADENER

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2/4 FIG. 3

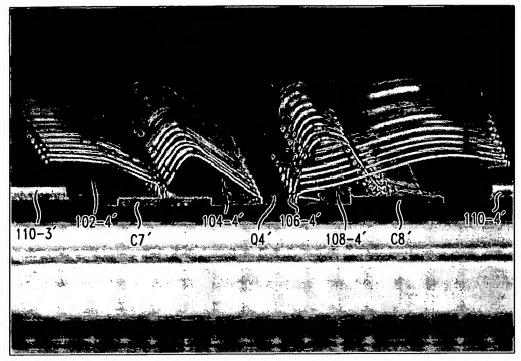
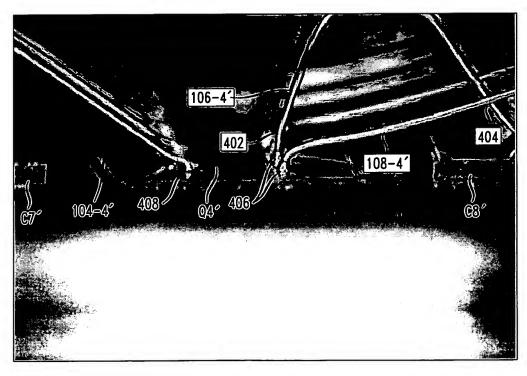
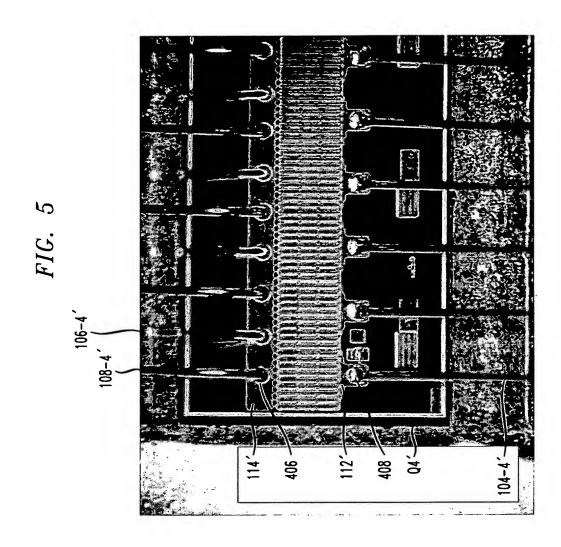


FIG. 4



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FIG. 6

BALL BOND A WIRE TO A FIRST BOND - 602 SITE IN THE INTEGRATED CIRCUIT APPLY A FIRST REVERSE MOTION IN THE NEGATIVE - 604 DIRECTION, CREATING A FIRST BEND IN THE WIRE APPLY A SECOND REVERSE MOTION IN THE POSITIVE 606 DIRECTION, CREATING A SECOND BEND IN THE WIRE CLAMP THE WIRE WITH THE BONDING 608 TOOL AT THE DESIRED WIRE LENGTH MOVE THE BONDING TOOL ALONG AN - 610 ARCUATE PATH TO THE SECOND BOND SITE TERMINATE THE WIRE AT THE SECOND BOND SITE **∼** 612 REPEAT STEPS 602-612 FOR EACH OF THE REMAINING WIRE BONDS TO BE FORMED, SO AS TO PRODUCE AT LEAST TWO WIRE BOND PROFILES IN THE INTEGRATED **~** 614 CIRCUIT THAT ARE SUBSTANTIALLY PERPENDICULAR AT A CROSSING POINT OF THE PROFILES

FIG. 7

